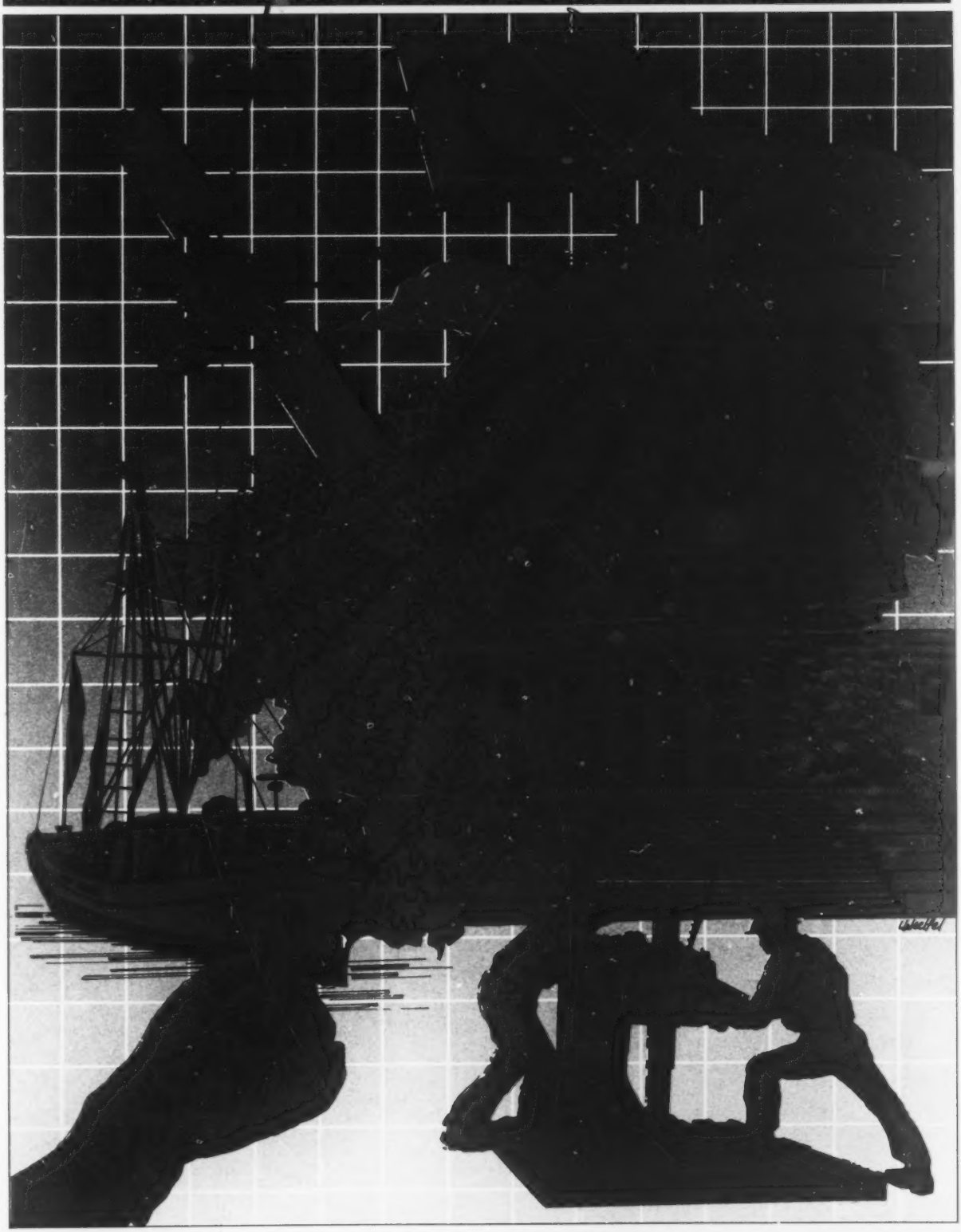
U5680-1

Alabama Business

CENTER FOR BUSINESS AND ECONOMIC RESEARCH



THE UNIVERSITY OF ALABAMA

VOLUME 58 NUMBER 11

NOVEMBER 1989

Vol. 58, No. 11 ..... November 1989

College of
Commerce & Business Administration
J. Barry Mason
Dean

Center for Business &
Economic Research
William D. Gunther
Director

Deborah Hamilton
Annette Jones Watters
Assistant Directors

Ahmad Ijaz
Beth Gibbs
Research Associates

Kathryn Rivers
Research Assistant

Sun-Ja Park
Carolyn Trent
Kim Diano
Programmer/Analysts

Melissa Tierce Heinrich
Terri Reed
Statistical Data Clerks

Teresa Welch White
Word Processing Operator

Gale Prichett
Secretary II

Cristina Neves
Sherry Price
Student Assistant

FEATURES

Education and State Economic Growth 3

ECONOMIC INDICATORS

Alabama Employment 8
Leading Economic Indicators 8
Alabama Building Contracts Awarded 8
Automobile Retail Sales 8
Alabama and U.S. Unemployment Rates 8
Industrial Production Indices 8

GENERAL BUSINESS INDICATORS

Industrial 9
Construction 9
Tax Collections 9
Prices 9
Labor Force and Employment 9
Trade 11

Alabama Business is a monthly publication of the Center for Business and Economic Research, Division of Research and Service, College of Commerce and Business Administration, The University of Alabama. Articles reflect the opinions of the authors, but not necessarily those of the staff of the Center, the faculty of the College of Commerce and Business Administration, or the administrative officials of The University of Alabama.

All correspondence should be addressed to: Beth Gibbs, Editor, ***Alabama Business***, Center for Business and Economic Research, Division of Research and Service, The University of Alabama, Box 870221, Tuscaloosa, Alabama 35487-0221. Phone: (205) 348-6191.

THE UNIVERSITY OF ALABAMA
CENTER FOR BUSINESS AND ECONOMIC RESEARCH
Publications For Sale

Title	Price	No. Copies	Total
Economic Abstract of Alabama 1987	$20.00	_____	_____
Annual Population Estimates by Age, Race, and Sex for Alabama Counties, 1985-1995			
Book	$10.00	_____	_____
Diskette	$175.00		
Alabama Economic Outlook 1989			
Printed report	$10.00	_____	_____
Printed data tables	$20.00	_____	_____
Data on diskettes	$50.00	_____	_____
1980 Census of Populaton and Housing Profile:			
for Counties			
Microfiche for all counties	$10.00	_____	_____
Hard copy for one county	$ 2.00	_____	_____
for Towns and Cities			
Microfiche for all places	$20.00	_____	_____
Hard copy for one place	$ 2.00	_____	_____
Alabama Legislative District Profiles			
Microfiche for Senate and House	$20.00	_____	_____
Alabama Zip Code Data			
Microfiche for all Zip Codes	$40.00	_____	_____
Diskette for all Zip Codes	$100.00	_____	_____
Hard copy for one Zip Code	$ 2.00	_____	_____
Special tabulations	Contact CBER		
A Survey of Student Market Behavior at The University of Alabama April 1988	$10.00	_____	_____
Alabama Metropolitan Area Data			
Diskettes only	$40.00	_____	_____
1988 City County Data Book			
(Bureau of the Census)			
26 diskettes	$80.00	_____	_____
Make checks Payable to: The University of Alabama	Total Order		_____
Mail to: Center for Business & Economic Research Box 870221, Tuscaloosa, AL 35487-0221	Shipping and Handling		$ 3.00
	Total Enclosed		$_____

Name_____ Telephone_____

Address_____

City_____ State_____ Zip_____

EDUCATION AND STATE ECONOMIC GROWTH

Walter S. Misiolek

Competition among the states for new industries and new jobs has become intense in recent years. Much has been made of the "Sunbelt" phenomenon--the rapid economic growth which the Southwest and parts of the South have enjoyed at the expense of the Northeast and the Great Lakes states. Often the rapid growth in the Sunbelt states has been linked to favorable business climates and low tax burdens which serve to attract new industry.

Both economic theory and common sense argue that the quality of educational services should also have important impacts on a state's path of economic development. Unfortunately, however, educators, economists, and state policymakers have experienced considerable difficulty in determining the precise nature and magnitude of the impacts of education on economic growth.

In a recent article in the *Southern Economic Journal* (October 1987), Nguyen Quan and John Beck suggest that educational services can affect state economic growth in two ways: through the parental migration effect which attracts people from other states, and through the labor productivity effect which attracts new jobs and raises hourly wages. But, increases in the quality of educational services often require increases in tax burdens which may discourage growth, offsetting part of the gains attained through improved education.

Long lags associated with the impacts of educational improvements and interrelationships between educational attainment and demographic factors (which may have independent growth effects) also cloud the picture. Nonetheless, evidence is beginning to emerge which suggests that the low level of support for elementary and secondary schools in the middle South has restricted economic growth in the region and prevented the mid-South states, including Alabama, from participating fully in the Sunbelt phenomenon.

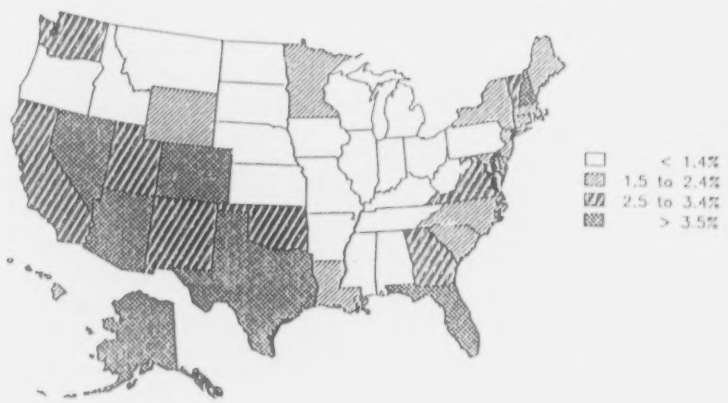
Education in the South

Since the late 1950s, eight southern states have consistently ranked among the bottom twelve states in per pupil expenditures for public elementary and secondary schools. These eight states are Alabama, Arkansas, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee--all of the Southeastern states except for Florida and Louisiana. Only one other state, Idaho, shares this ignominious distinction.

Table 1 lists per pupil expenditures for public elementary and secondary schools for the 1985-86 school year, together with per capita property tax data for the 50 states. From these data it is apparent that a strong relationship exists between property tax collections and support for public schools. The eight southeastern states which are listed above rank 40 through 50 in public school support, and 35 through 50 in property taxes per capita.

Although current educational attainment data are not available at the state level, Table 2 demonstrates that a clear pattern exists in the regional data. High school completion rates for 1987 were lower in the South than the U.S. average for each of the three demographic groups surveyed--whites, blacks, and Hispanics. The percent of the adult population completing four years of college was also lower in the South both for whites and for blacks.

Figure 1
EMPLOYMENT GROWTH RATES (1977 to 1985)



While a relationship between educational support and educational performance is clearly discernible at the regional level, it is not as easy to assess the effects of education on state economic growth. High correlations between education measures and other growth determinants, long lags, and the effects of education reform movements of the early 1970s and mid-1980s present serious problems for the analysis.

It is not surprising that published studies have reported mixed and sometimes curious results. For example, Quan and Beck (referenced above) find that public education expenditures appear to have positively affected economic growth in the Northeast but not in the Sunbelt. Plaut and Pluta (*Southern Economic Journal*, July 1983) find that total education expenditures have significantly influenced state growth but that high property taxes, highly correlated with education spending, also appear to have stimulated growth. Wasylenko and McGuire (*National Tax Journal*, December 1985) find that education spending has increased overall employment growth but has had measurable growth effects on only two of six economic sectors: retail trade and finance.

State Economic Growth

A number of alternatives may be used to measure state economic performance. These include the rate of employment growth, total income growth, per capita income growth, and growth in real value added. We will focus here on employment growth. Other growth measures are interrelated but show somewhat differing patterns across the states.

Table 3 presents data on overall employment growth for each state and for several of the main economic sectors of each state for the 1977-1985 time period. Alabama's performance was below the national average for each economic sector and for total employment growth. Figure 1 illustrates the distinct regional pattern in total employment growth across the United States for the 1977-1985 period.

Table 1
State Education Expenditures 1986-87

	Expenditure per Pupil In Public Schools		State and Local Property Taxes Per Capita	
	$	Rank	$	Rank
AL	2,565	46	118	50
AK	8,253	1	1,084	2
AZ	3,093	39	422	26
AR	2,658	44	182	48
CA	3,543	24	451	23
CO	3,975	16	521	19
CT	4,743	5	731	6
DE	4,610	7	223	43
FL	3,529	26	411	27
GA	2,966	43	329	35
HI	3,807	20	314	36
ID	2,484	48	299	37
IL	3,781	21	539	16
IN	3,275	34	393	30
IA	3,619	23	544	15
KS	3,829	19	533	17
KY	2,486	47	195	46
LA	3,187	37	189	47
ME	3,472	31	478	21
MD	4,450	9	438	25
MA	4,562	8	601	11
MI	4,176	11	650	9
MN	3,941	17	529	18
MS	2,362	50	221	44
MO	3,189	36	243	40
MT	4,091	14	650	8
NE	3,634	22	579	13
NV	3,440	32	340	34
NH	3,542	25	738	5
NJ	5,395	3	757	3
NM	3,195	35	143	49
NY	6,011	2	748	4
NC	2,982	42	265	38
ND	3,481	30	364	33
OH	3,527	28	394	29
OK	3,146	38	234	42
OR	4,141	13	651	7
PA	4,416	10	388	31
RI	4,667	6	624	10
SC	3,058	40	260	39
SD	3,051	41	477	22
TN	2,612	45	235	41
TX	3,298	33	517	20
UT	2,390	49	366	32
VT	4,031	15	556	14
VA	3,520	29	396	28
WA	3,881	18	441	24
WV	3,528	27	203	45
WI	4,168	12	600	12
WY	5,114	4	1,173	1
US Average	3,752		463	

Sources: *Digest of Education Statistics, 1987* (Center for Education Statistics) and *Government Finances in 1986-87* (Bureau of the Census).

The states experiencing the highest rates of employment growth are found predominantly along the east coast and in the Southwest. It may come as a surprise to some that the Sunbelt phenomenon did not affect employment in the Northeast as adversely as is generally presumed, and that the mid-South states of Alabama, Arkansas, Kentucky, Mississippi, and Tennessee failed to enjoy the same growth as other Sunbelt states.

Of the eight low education support states in the South, only three performed at or above the national average in total employment growth and only Georgia succeeded in reaching the second highest growth tier.

In a recent study, supported through the University's Center for Economic and Business Research, Dr. Carl Ferguson and I used a statistical technique called stepwise regression analysis to identify principal determinants of differences in economic growth rates across the 48 contiguous states for the 1977-1985 period.

From a group of over 30 variables representing labor productivity and education measures, labor and non-labor costs of production, demographic and social variables, tax burdens and tax progressivity, we found that three variables clearly dominated all others in explaining variations in employment growth. These three variables were college graduation rates, labor unionization rates, and the percentage of the total population living in urban areas.

We found that the percent of the population completing four years of college and the percent living in urban areas were strongly positively related to employment growth for all state economic sectors. Labor union membership expressed as a percent of nonagricultural employment was found to be negatively related to employment growth for all except the construction and services sectors.

Two other variables which appeared regularly among the top group of explanatory variables in our study were the average hourly wage and the absence of a personal income tax. We found that low wages and the absence of state income taxes appeared to stimulate employment growth during the time period studied.

There were some surprises in terms of the variables which seldom if ever appeared among the top group of explanatory variables. Demographic variables (age and race), non-labor production costs (gas and electricity prices), and state tax progressivity measures were generally found to be nonsignificant.

Subsequent analysis, however, has revealed important interrelationships between college graduation rates, high school graduation rates, state education expenditures, and demographic variables which may in part explain the nonsignificance of these other variables.

When the college graduation variable is omitted from the estimating equations, its role is taken by various combinations of elementary and secondary school measures and state demographic measures. Also, when college graduation rates are independently analyzed, they are found to be highly dependent upon state elementary

Table 2
Educational Attainment 1987

	Percent of Population Twenty-Five Years Old and Over Completing:	
	Four Years High School	Four Years College
U.S.		
All Races	75.6	19.9
White	77.0	20.5
Black	63.4	10.7
Hispanic	50.9	8.6
Northeast		
All Races	76.5	22.2
White	77.6	22.6
Black	65.1	11.7
Hispanic	52.7	9.5
Midwest		
All Races	77.4	17.6
White	78.4	17.9
Black	65.7	10.0
Hispanic	56.1	12.0
West		
All Races	80.6	22.8
White	80.8	22.8
Black	80.0	14.1
Hispanic	49.9	6.2
South		
All Races	70.8	18.3
White	73.1	19.7
Black	59.4	10.1
Hispanic	50.1	10.4

Source: *Educational Attainment in the United States: March 1987 and 1986* (Bureau of the Census).

Table 3
Employment Growth Rates
(1977-85)

State	Construc-tion	Manufac-turing	Transpor-tation and Utilities	Retail Trade	Whole-sale Trade	Finance	Services	Total Employ-ment
AL	-2.4	-0.5	0.8	0.3	1.8	2.0	1.8	0.9
AK	5.5	0.3	2.4	6.5	7.1	5.2	5.1	4.8
AZ	6.0	4.8	3.3	5.0	4.9	6.3	6.5	4.8
AR	-2.6	-0.5	1.7	0.6	2.0	2.8	2.3	1.0
CA	1.4	1.5	1.7	3.0	2.9	3.9	4.4	3.0
CO	3.7	2.3	3.8	3.2	3.4	5.3	4.9	3.8
CT	4.6	-0.4	1.9	2.6	2.8	4.5	3.8	2.1
DE	2.1	0.3	-0.6	1.4	2.3	6.4	4.0	1.8
FL	6.6	3.1	3.5	4.6	5.1	5.3	6.1	4.7
GA	4.5	0.9	3.3	3.9	4.3	3.9	3.8	2.9
HI	-4.1	-1.4	1.7	1.4	2.5	2.9	3.2	2.0
ID	-4.7	-0.9	0.4	-0.4	0.8	1.7	2.1	0.8
IL	-2.1	-4.0	-0.7	0.7	0.5	2.3	2.7	0.1
IN	-3.0	-2.9	-0.2	0.1	0.6	1.0	2.5	0.1
IA	-7.3	-3.1	-1.6	0.0	-0.4	2.0	1.0	-0.1
KS	-2.1	-1.0	0.5	1.5	1.4	2.6	2.4	1.4
KY	-3.6	-2.2	-0.5	0.6	1.9	2.3	2.2	0.7
LA	-1.3	-2.2	0.9	-0.0	2.5	3.0	2.7	1.7
ME	0.9	-0.3	0.9	1.4	3.0	3.3	2.9	1.8
MD	2.1	-1.6	1.1	3.4	2.4	3.0	4.6	2.0
MA	4.4	0.3	0.8	2.9	2.7	3.7	4.1	2.3
MI	-5.8	-3.3	-1.6	0.6	0.2	0.8	2.1	-0.4
MN	-2.0	0.4	0.2	0.2	1.5	3.3	3.3	1.6
MS	-2.7	-1.2	0.3	0.1	2.1	1.8	0.4	0.2
MO	0.2	-1.2	0.0	-0.1	1.3	2.2	2.9	1.3
MT	-4.1	-2.7	-0.4	0.5	1.1	1.8	1.7	0.8
NE	-4.1	-0.8	0.1	0.3	0.5	2.1	2.7	0.8
NV	-1.0	3.2	3.1	4.6	3.6	5.3	4.5	3.7
NH	6.2	1.7	3.1	4.3	4.6	5.0	4.9	3.8
NJ	3.4	-1.4	2.4	4.1	2.2	3.5	4.8	2.2
NM	1.4	1.4	2.3	2.0	2.9	3.8	4.1	2.6
NY	4.3	-1.9	-0.5	1.0	1.5	2.9	3.2	1.5
NC	2.1	0.4	2.4	2.5	3.7	2.8	3.3	1.9
ND	-4.0	-0.4	2.0	0.4	0.8	2.6	3.2	1.1
OH	-2.9	-3.3	-1.7	0.9	0.6	1.9	2.7	0.0
OK	-1.6	-0.1	0.9	1.7	2.9	3.7	3.1	2.6
OR	-7.2	-1.6	0.1	0.6	0.8	0.9	2.3	0.9
PA	-1.5	-3.4	-1.8	1.3	1.0	2.0	3.0	0.3
RI	0.4	-1.7	0.5	1.3	2.2	2.1	3.5	1.2
SC	2.0	-0.8	2.4	2.4	3.9	4.1	3.0	1.8
SD	-5.6	1.7	-0.9	-0.5	0.3	4.0	1.9	0.6
TN	-1.0	-1.0	1.3	0.8	2.3	2.1	3.2	1.0
TX	2.5	0.7	2.3	2.8	4.4	6.1	4.9	3.5
UT	-0.2	2.3	2.8	2.0	2.3	3.5	4.8	2.7
VT	4.6	0.8	1.3	3.2	3.5	3.7	2.7	2.5
VA	0.7	0.3	2.5	3.0	3.4	2.9	4.3	2.5
WA	-2.0	0.3	1.5	1.5	2.8	2.9	3.7	2.5
WV	-9.5	-5.5	-1.2	-0.5	0.9	1.5	1.9	-0.8
WI	-3.4	-1.7	0.6	1.0	1.1	2.4	2.5	0.8
WY	-2.6	-2.8	1.8	3.8	1.7	4.1	2.9	2.1
US	0.6	-1.0	0.9	1.9	2.3	3.3	3.6	1.8

Source: Special tabulation from data from the U.S. Department of Commerce, Bureau of Economic Analysis.

Table 4
Education and Employment Growth
State Rankings 1977

State	Expenditure Per Pupil in Public Schools	Population Completing Four Years High School	Population Completing Four Years College	Property Taxes Per Capita	Employment Growth 1977-85
AL	45	43	45	48	33
AR	48	42	48	46	32
AZ	14	10 (T)	10 (T)	11	1
CA	20	8	5 (T)	3	7
CO	12 (T)	2	1	16	4
CT	17	16	3	5	17
DE	7	20	12	40	21
FL	30	33	23	30	2
GA	37 (T)	39	32	35	8
IA	19	13	29	20	46
ID	43	15	26	31	37
IL	8	30	23	15	44
IN	33	27	42	27	43
KS	21	9	18	19	27
KY	46	47	46	44	39
LA	40	40	40 (T)	47	24
MA	3	14	5 (T)	1	15
MD	6	21	2	23	19
ME	37 (T)	24	25	25	23
MI	10	23	31	12	47
MN	11	12	27	22	25
MO	36	37	35 (T)	34	28
MS	47	48	40 (T)	42	42
MT	12 (T)	10 (T)	21	9	35
NC	41	44	35 (T)	38	20
ND	26 (T)	26	33	29	30
NE	23	7	20	8	36
NH	31	17	14 (T)	7	3
NJ	2	28	16 (T)	2	16
NM	25	31	14 (T)	43	11
NV	22	5	28	21	5
NY	1	29	9	4	26
OH	32	25	40 (T)	26	45
OK	39	32	37	39	10
OR	5	6	13	10	34
PA	9	34	34	32	41
RI	16	38	16 (T)	14	29
SC	42	41	44	41	22
SD	35	22	41	17	40
TN	44	45	43	37	31
TX	29	35	23	28	6
UT	26 (T)	1	4	36	9
VA	24	36	7	33	14
VT	28	19	10 (T)	13	13
WA	18	3	8	24	12
WI	15	18	30	18	38
WV	34	46	47	45	48
WY	4	4	19	6	18

(T) indicates a tie.

Source: Special tabulation, Walter S. Misiolek, The University of Alabama

and secondary school support levels and on demographic characteristics of the states.

Table 4 reports the 48 state rankings for several key education variables for the 1976-77 academic year, which begins the period analyzed in our study. Quite clearly, there is a high degree of correlation between per pupil public school expenditures and educational attainment measures, and between education measures and property taxes. Five southern states, Alabama, Arkansas, Kentucky, Mississippi, and Tennessee, ranked 44-48 in per pupil public school expenditure, 42-48 in high school attainment, 40-48 in college attainment, 37-48 in property taxes, and 31-42 in employment growth over the 1977-85 period.

Summary and Conclusions

It is always dangerous to draw conclusions from limited information, particularly when those conclusions have important policy implications. A growing body of evidence, however, appears to confirm the common sense wisdom that education has significant effects on state economic development.

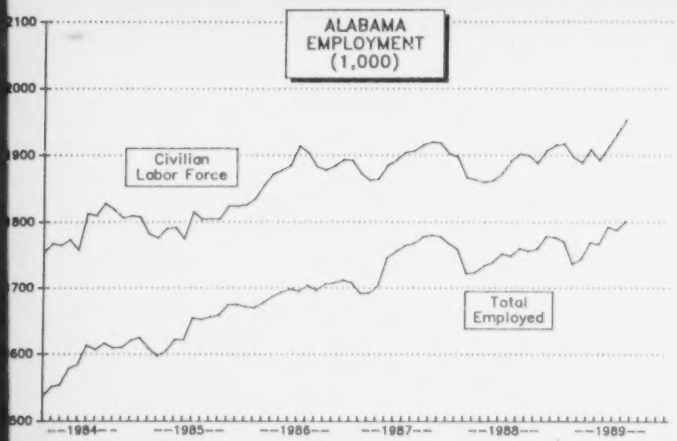
Poor support for public schools in the middle South appears to be highly related to poor high school completion and college completion rates, and seems to have been an important deterrent to economic progress over the recent past.

Several newspaper and news magazine articles have recently observed that the Sunbelt era appears to be drawing to a close. If so, Alabama and its neighbors may have missed an important opportunity. Economic growth, however, is a constantly occurring process and it is never too late to begin laying a foundation for the future.

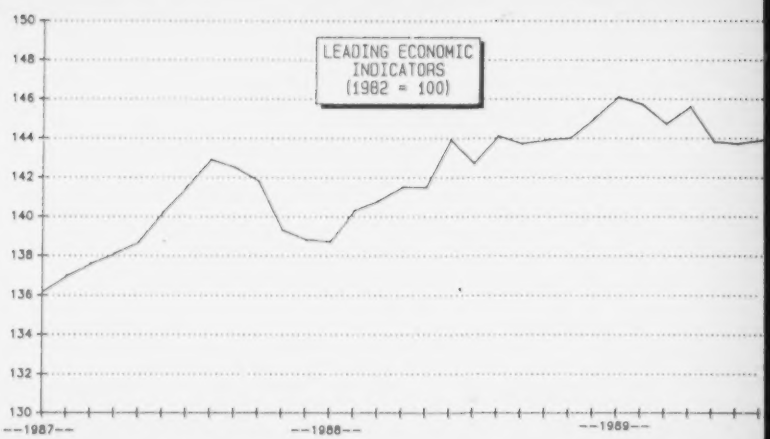
Walter S. Misiolek is an Associate Dean and a Professor of Economics in the College of Commerce and Business Administration at The University of Alabama.

ECONOMIC INDICATORS

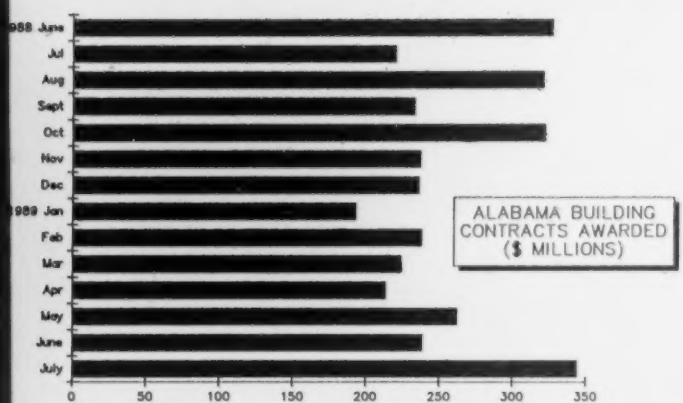
ALABAMA EMPLOYMENT



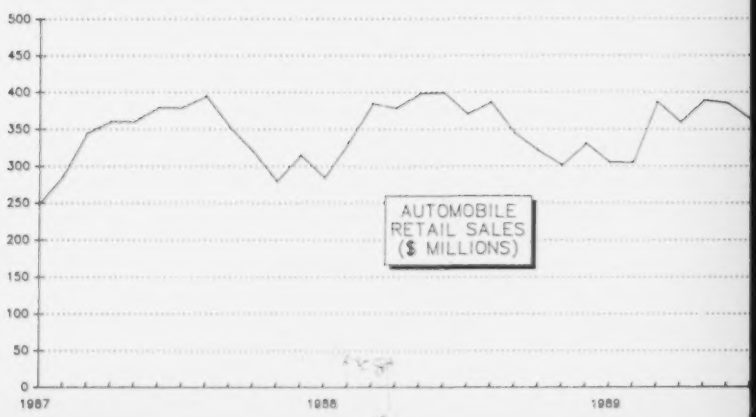
LEADING ECONOMIC INDICATORS



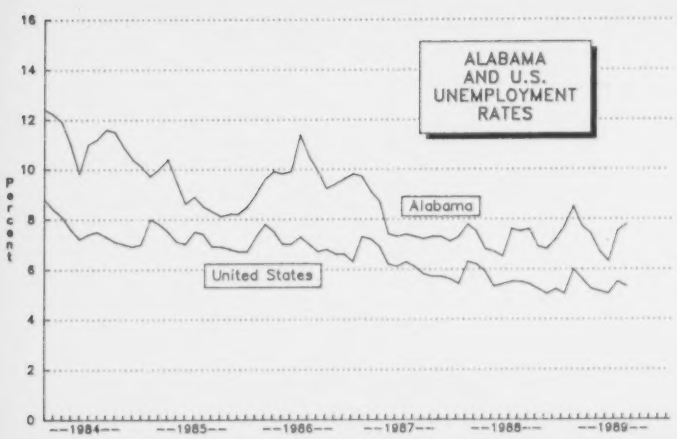
ALABAMA BUILDING CONTRACTS AWARDED



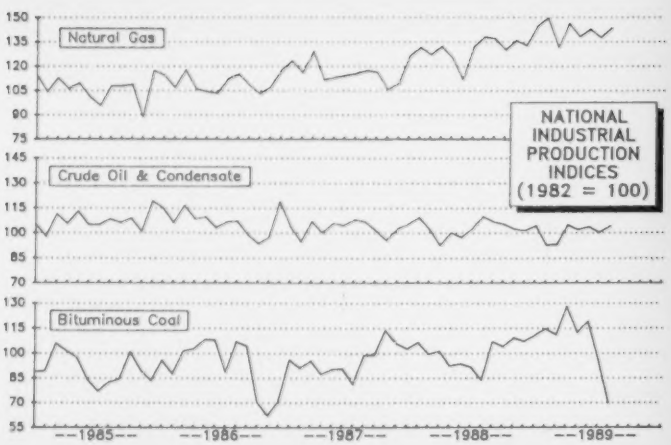
AUTOMOBILE RETAIL SALES



ALABAMA AND U.S. UNEMPLOYMENT RATES



INDUSTRIAL PRODUCTION INDICES



General Business Indicators

Type of Activity	Annual		1988						1989						
	1987	1988	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July
INDUSTRIAL															
Bituminous coal production[1] (1,000 net tons)	24,870	26,055	1,803	2,312	2,242	2,360	2,311	2,393	2,478	2,394	2,765	2,426	2,575	2,077	1,506
Natural gas production (1,000,000 cu. ft.)	155,990	176,008	15,402	15,290	14,497	15,160	14,782	16,141	16,717	14,672	16,342	15,407	15,937	15,340	16,020
Cotton consumption (1,000 lbs.)	483,311	482,002	30,533	46,253	43,208	41,496	39,776	37,268	41,932	39,300	45,356	41,760	49,634	48,418	38,156
Crude oil and condensate production[2] (1,000 barrels)	20,621	20,597	1,835	1,781	1,754	1,706	1,691	1,745	1,547	1,556	1,750	1,700	1,734	1,671	1,737
Electric energy consumption, industrial purposes (1,000,000 kwh)	24,675	26,008	2,140	2,336	2,227	2,198	2,210	2,120	2,098	2,155	2,174	2,247	2,319		
Pulp, paper, and paperboard production (1,000 net tons)	6,904	6,977	615	579	590	579	531	595	619	551	583	613	574	578	633
CONSTRUCTION															
Building contracts awarded, new and alterations combined[3] ($1,000)	3,114,400	3,515,700	213,400	328,100	233,200	321,700	236,600	236,300	193,000	238,000	224,300	213,700	262,300	238,700	344,300
Residential	1,340,300	1,152,300	99,000	113,800	92,500	87,800	87,500	90,800	69,700	82,300	89,700	97,700	99,200	118,000	112,200
Nonresidential	1,009,700	1,450,300	59,200	92,200	81,500	93,300	93,600	78,400	107,600	57,400	89,300	62,300	112,700	86,100	136,900
Public works and utilities	764,300	913,000	55,200	122,000	59,100	140,700	55,500	67,100	15,600	98,300	45,500	53,600	50,400	34,600	95,100
Cement consumption (1,000 net tons)	1,401	1,398	113	129	111	126	115	111	93	76	111	123	126	100	106
TAX COLLECTIONS															
Title of Tax ($1,000)															
Total	3,052,983	3,184,030	228,259	268,782	274,317	242,778	270,761	255,829	271,830	260,683	333,788	330,038	342,359	283,213	249,133
Franchise	85,027	81,609	682	6,535	5,129	1,189	464	573	757	2,135	55,015	3,217	1,477	5,560	1,254
Gasoline (excl. aviation)	213,006	220,608	19,280	18,392	18,570	19,000	17,717	20,244	19,904	17,293	17,125	17,397	21,422	20,102	19,721
Income	1,249,376	1,296,181	55,974	125,306	112,966	65,791	120,789	106,266	86,088	133,760	138,344	150,169	184,870	128,874	66,919
Motor fuels	56,856	60,244	4,689	5,283	4,199	4,865	7,179	4,967	5,202	5,055	5,909	4,198	6,592	4,607	5,068
Oil/gas privilege	35,150	35,493	2,748	2,702	2,955	2,444	2,688	2,639	3,154	2,436	3,207	2,879	3,462	6,203	3,116
Oil/gas production	9,962	10,432	778	806	866	731	885	856	861	721	948	828	1,046	1,701	905
Sales	810,128	844,582	72,819	69,965	71,299	71,097	72,229	77,565	80,724	62,558	71,945	67,748	82,276	76,227	73,188
2.2% gross receipts	57,351	59,202	14,615	43	7	15,239	108	8	14,762	312	1	14,641	422	30	15,056
TVA electric	47,383	52,522	4,220	4,220	4,220	5,449	4,545	4,545	4,545	4,545	4,545	4,545	4,545	4,545	4,545
Tobacco	72,605	71,847	6,328	5,892	5,984	6,261	5,650	6,477	5,596	5,359	5,499	5,962	6,082	6,225	5,935
Use	88,197	97,843	21,997	1,862	460	21,941	1,577	1,302	22,706	1,847	1,315	20,350	2,212	932	22,136
Utility	165,364	171,014	13,463	15,604	14,877	13,604	14,143	14,517	15,968	15,032	14,754	13,333	13,527	13,794	16,700
PRICES															
Consumer Price Index, U.S. (1982 - 84 = 100)															
All items	113.6	118.3	118.5	119.0	119.8	120.2	120.3	120.5	121.1	121.6	122.3	123.1	123.8	124.1	124.4
Percent change	4.4	4.3	4	4	7	3	1	2	5	4	6	7	6	2	2
Food	113.5	116.2	118.6	119.4	120.2	120.3	120.2	120.7	122.2	122.9	123.5	124.2	124.9	125.0	125.5
Housing	114.2	118.5	119.1	119.5	119.9	119.9	119.9	120.2	120.7	121.1	121.5	121.6	122.1	122.9	123.9
Fuel and utilities	103.0	104.4	106.0	106.1	106.4	105.4	104.3	105.0	106.0	105.9	105.9	106.2	107.0	109.2	109.7
Apparel and upkeep	110.6	115.4	112.7	112.6	117.8	120.7	119.9	118.0	115.3	115.3	119.3	120.9	120.4	117.8	115.0
Transportation	105.4	108.7	108.9	109.6	109.7	110.0	110.7	110.8	111.1	111.6	111.9	114.6	116.0	115.9	115.4
Medical care	130.1	138.6	139.3	139.9	140.4	141.2	141.8	142.3	143.8	145.2	146.1	146.8	147.5	148.5	149.7
Energy	88.6	89.3	91.4	92.3	91.9	89.9	88.9	88.7	89.0	89.3	89.8	94.9	97.4	99.0	98.5
Producer Price Index, U.S. (1982 = 100)															
All commodities	102.8	106.9	107.8	108.0	108.1	108.2	108.3	109.0	110.5	110.8	111.5	112.3	113.1	112.8	112.7
Industrial commodities	102.6	106.3	106.7	107.0	106.8	107.1	107.5	108.1	109.6	110.1	110.6	111.8	112.4	112.3	112.2
Purchasing power of the dollar, U.S. As measured by															
Consumer prices (1982 - 84 = $1.000)	.880	.846	.844	.840	.835	.832	.831	.830	.826	.822	.818	.812	.808	.806	.804
Wholesale prices (1982 = $1.000)	.973	.935	.928	.926	.925	.924	.923	.917	.905	.903	.897	.890	.884	.887	.887
LABOR FORCE AND EMPLOYMENT[1]															
Civilian labor force (1,000 workers)	1,895.0	1,887.0	1,902.1	1,899.6	1,888.0	1,906.7	1,914.9	1,917.2	1,897.6	1,888.8	1,908.9	1,892.1	1,911.8	1,931.7	1,953.1
Unemployment	147.0	136.0	142.5	144.1	129.5	129.1	138.6	147.3	161.7	144.9	140.4	126.1	119.6	144.3	151.9
Unemployment rate	7.8	7.2	7.5	7.6	6.9	6.8	7.2	7.7	8.5	7.7	7.4	6.7	6.3	7.5	7.8
Employment	1,748.0	1,751.0	1,759.6	1,755.5	1,758.5	1,777.6	1,776.3	1,769.9	1,735.9	1,743.9	1,768.5	1,766.0	1,792.2	1,787.4	1,801.2
Nonagricultural	1,507.7	1,549.7	1,560.5	1,546.4	1,551.6	1,554.4	1,579.5	1,567.2	1,549.8	1,556.0	1,559.5	1,566.9	1,578.7	1,575.2	1,571.3
Manufacturing	368.8	379.0	381.0	380.2	380.1	380.8	382.0	380.7	381.0	383.8	382.7	385.3	385.7	387.4	383.0
Durable goods	178.0	184.4	186.0	184.5	185.2	186.9	187.3	187.0	186.9	187.5	187.0	188.6	189.2	189.0	187.0
Lumber and wood products	29.9	30.4	30.9	31.0	30.9	30.8	30.6	30.4	30.3	30.3	30.5	30.7	30.8	31.0	30.5
Stone, clay, glass products	9.7	10.2	10.3	10.2	10.2	10.3	10.4	10.4	10.2	10.1	10.1	10.1	10.1	9.9	10.0
Primary metals	25.5	27.0	26.9	27.1	27.4	27.6	27.7	27.8	27.9	28.1	28.0	28.2	28.2	28.3	27.5
Fabricated metals	22.0	21.5	21.2	21.5	21.3	21.3	21.3	21.2	21.5	21.5	21.5	21.6	21.6	21.5	21.5
Machinery (excl. electrical)	21.6	26.8	27.0	27.2	26.9	27.7	27.8	28.1	27.7	28.0	28.2	28.5	28.5	28.4	28.4
Electrical, electronic equip.	22.5	20.4	20.5	19.9	20.3	20.7	20.9	20.4	20.7	20.8	20.1	20.6	21.1	20.6	21.0
Transportation	28.6	29.5	30.6	28.9	29.4	29.7	29.7	29.9	29.9	29.9	29.7	29.8	30.3	30.6	29.8
Other durable goods	18.2	18.7	18.6	18.7	18.8	18.8	18.9	18.8	18.7	18.8	18.9	19.1	18.6	18.7	18.3
Nondurable goods	190.8	194.6	195.0	195.6	194.9	193.9	194.7	193.7	194.1	196.3	195.7	196.7	196.5	198.4	196.0
Food	31.2	32.2	32.4	32.9	32.6	32.8	32.8	32.6	32.6	33.0	32.7	33.6	33.8	34.4	34.9
Textile mill products	39.0	40.4	40.4	40.2	40.2	40.6	40.7	40.9	40.7	40.7	40.7	40.8	40.4	40.8	40.4
Apparel	55.9	56.2	56.4	56.9	56.3	55.1	55.0	54.2	54.9	56.5	56.0	56.2	56.3	57.0	54.6
Paper and allied products	21.1	21.1	21.3	21.2	21.1	20.8	21.7	21.3	21.1	20.9	21.0	20.9	21.1	21.4	21.5
Printing and publishing	12.7	12.7	12.5	12.5	12.5	12.5	12.7	13.0	13.1	13.2	13.2	13.0	13.0	12.9	12.8
Chemicals and allied products	11.2	11.1	10.8	11.0	11.0	11.1	11.1	11.3	11.2	11.3	11.2	11.3	11.2	11.3	11.4
Rubber products	17.5	18.6	18.8	18.6	18.9	18.7	18.4	18.0	18.1	18.3	18.5	18.4	18.2	18.1	17.9
Other nondurable goods	2.4	2.3	2.4	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5
Nonmanufacturing	1,138.9	1,170.7	1,179.5	1,166.3	1,171.5	1,173.6	1,197.5	1,186.5	1,168.8	1,172.2	1,176.8	1,181.6	1,193.0	1,187.8	1,188.3
Mining and quarrying	11.3	11.2	11.4	11.1	11.0	11.3	11.4	11.3	11.4	11.3	11.3	11.3	11.3	11.4	6.3
Bituminous coal mining	8.1	7.7	8.0	7.6	7.4	7.8	7.8	7.4	7.5	7.4	7.3	7.3	7.3	7.3	2.3
Contract construction	75.1	77.4	81.1	80.2	78.7	78.2	77.0	76.5	71.4	72.1	73.2	74.3	75.2	74.9	75.1
Trans., comm., and utilities	73.3	79.0	80.4	80.2	79.1	78.9	79.2	79.1	79.2	79.3	79.7	79.4	79.5	79.5	79.9
Trade	331.7	339.5	339.0	341.3	341.4	344.0	347.9	355.2	344.7	341.6	341.9	343.2	344.1	345.5	345.3
Wholesale	78.4	79.5	79.3	79.6	80.0	80.4	80.2	80.3	80.1	80.0	80.4	80.7	80.8	81.3	81.5
Retail	253.3	259.9	259.7	261.7	261.4	263.6	267.7	274.9	264.7	261.6	261.5	262.5	263.3	264.2	263.8
Finance, insurance, real estate	70.5	70.2	71.1	70.7	70.6	70.6	70.6	70.8	70.2	70.6	71.1	71.1	71.3	71.6	71.8
Service and miscellaneous	276.5	284.4	286.6	287.4	288.8	282.8	283.3	284.3	282.1	284.0	285.9	287.5	294.8	295.1	297.1
Government	300.6	308.9	309.9	295.4	301.9	307.8	328.1	309.3	309.8	313.3	313.7	314.8	316.8	309.8	312.8
Federal	65.9	65.6	65.5	65.1	64.7	65.0	64.8	64.1	63.8	63.9	63.8	63.9	64.2	65.1	65.2
State and local	234.7	243.4	244.4	230.3	237.2	242.8	263.3	245.2	246.0	249.4	249.9	250.9	252.6	244.7	247.6

General Business Indicators

Type of Activity	Annual		1988						1989						
	1987	1988	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July
LABOR FORCE AND EMPLOYMENT CONT.															
Other employment activity															
State Employment Service *(number)*															
Job applications	224,282	240,540	25,181	23,546	22,664	21,985	20,729	16,488	24,750	19,639	23,116	17,324	22,609	25,182	
Nonagricultural placements	96,391	107,113	15,639	13,802	9,591	8,553	8,494	6,711	6,593	7,002	8,377	7,345	9,439	8,911	
Unemployment compensation															
Initial benefit claims *(number)*	349,204	348,271	42,444	30,583	21,909	24,517	25,161	28,031	59,343	23,782	24,455	19,828	23,235	25,370	
Payments *($1,000)*	165,953	140,632	11,248	12,315	10,195	9,492	11,406	12,412	16,421	13,471	15,505	11,260	11,636	12,656	
County data *(civilian labor force and unemployment rate)*															
Autauga	16,116	15,782	15,850	15,920	15,970	16,080	16,240	16,090	15,800	15,990	16,050	15,920	16,120	16,130	16,230
	7.0	6.1	5.5	7.1	7.4	6.7	7.8	7.0	6.9	7.6	6.2	6.4	6.7	7.7	7.4
Baldwin	39,863	39,573	40,470	39,440	39,530	39,390	39,790	40,030	39,560	39,220	39,820	39,050	39,370	39,610	40,640
	7.6	8.1	8.6	7.1	8.6	7.4	7.8	8.6	9.0	7.7	7.4	6.4	5.9	6.7	7.7
Barbour	11,648	12,091	12,240	12,220	12,130	12,320	12,430	12,370	12,300	12,140	12,380	12,170	12,150	12,260	12,350
	8.0	7.5	8.3	8.6	7.3	7.0	7.0	7.4	10.1	8.5	7.8	7.1	6.7	8.0	8.1
Bibb	7,278	7,212	7,310	7,430	7,350	7,210	7,280	7,170	7,220	7,000	7,020	6,950	7,050	7,300	7,200
	11.1	10.0	9.0	9.9	8.8	9.5	9.9	13.9	16.3	8.6	7.9	7.7	6.8	8.0	7.7
Blount	17,620	17,172	16,990	17,180	16,980	17,190	17,250	17,410	17,160	17,010	17,220	16,990	17,170	17,390	17,400
	7.3	6.8	5.6	6.0	5.2	5.5	6.6	6.9	7.5	6.2	5.8	5.1	4.6	5.7	5.4
Bullock	3,801	4,405	4,570	4,460	4,380	4,460	4,540	4,410	4,390	4,220	4,220	4,230	4,220	4,420	4,650
	14.4	13.5	16.7	15.7	13.7	13.2	13.3	13.4	14.3	11.6	11.8	11.3	10.2	14.2	15.0
Butler	9,599	9,266	9,680	9,460	9,190	9,230	9,470	9,280	9,140	9,160	9,150	8,970	8,920	9,450	9,420
	10.6	10.4	8.6	11.4	11.0	12.2	13.8	13.3	15.9	15.8	12.8	11.7	11.2	16.3	14.4
Calhoun	51,596	52,094	52,130	52,190	52,050	52,140	52,490	52,810	52,400	51,980	51,430	51,870	52,470	53,020	53,660
	7.8	7.3	8.8	8.8	6.7	6.2	6.7	7.0	8.4	7.3	7.6	7.6	6.1	7.3	8.1
Chambers	17,510	17,075	17,120	17,090	16,940	17,070	17,120	17,110	16,840	16,600	16,730	16,520	16,640	16,820	16,770
	5.9	5.4	6.7	6.0	5.3	5.1	5.2	5.7	6.7	5.7	5.8	5.2	5.9	7.2	7.2
Cherokee	7,970	8,308	8,480	8,340	8,260	8,390	8,610	8,480	8,500	8,320	8,360	8,290	8,230	8,510	8,470
	8.7	7.5	11.1	9.2	7.1	6.6	6.9	7.7	10.4	8.3	7.3	8.0	7.1	10.0	9.3
Chilton	15,588	14,836	14,830	14,710	14,830	14,920	15,200	15,000	15,090	14,890	14,790	14,800	14,900	15,080	15,350
	9.5	7.9	7.6	8.0	7.7	7.3	8.4	9.5	10.1	8.1	7.7	7.3	6.7	8.0	9.5
Choctaw	7,003	7,078	7,240	7,180	6,980	7,030	7,390	7,060	7,130	7,000	6,960	6,910	7,010	7,140	7,250
	10.0	9.5	13.2	9.2	8.6	9.3	10.8	10.5	12.7	11.0	10.1	9.7	8.9	9.8	10.2
Clarke	11,461	11,513	11,480	11,550	11,470	11,330	11,460	11,630	11,510	11,320	11,340	11,070	11,160	11,540	11,500
	11.2	10.6	10.1	10.5	9.6	8.3	8.5	11.2	12.7	11.0	10.3	8.6	7.9	10.7	10.1
Clay	6,146	6,152	6,170	6,180	6,130	6,210	6,240	6,230	6,240	6,270	6,510	6,380	6,500	6,430	6,600
	8.9	7.7	9.3	9.1	7.4	6.7	5.8	6.6	7.3	6.8	14.8	5.7	6.7	8.2	7.9
Cleburne	5,431	5,433	5,360	5,430	5,410	5,710	5,830	5,640	5,610	5,490	5,640	5,740	5,770	5,830	5,870
	7.2	6.5	6.6	6.6	5.7	4.5	4.5	5.5	9.2	6.9	6.4	7.3	4.8	5.5	7.3
Coffee	17,960	18,068	18,010	18,000	17,810	18,260	18,320	18,080	18,010	18,000	18,300	18,100	18,070	18,410	18,890
	6.3	6.5	6.9	6.5	6.1	6.3	7.1	7.3	7.3	6.2	5.9	5.4	5.2	5.9	6.7
Colbert	23,872	23,713	24,000	23,680	23,540	23,950	24,020	24,220	24,050	23,940	24,280	23,850	23,950	24,110	24,570
	10.2	9.2	9.6	9.6	8.2	9.1	9.4	10.5	12.6	11.5	11.5	9.5	8.6	9.5	10.8
Conecuh	6,009	5,623	5,650	5,540	5,530	5,590	5,770	5,710	5,660	5,540	5,560	5,510	5,520	5,580	5,620
	16.0	10.9	10.3	10.4	10.2	9.3	9.9	12.6	12.3	11.4	10.8	9.7	8.6	11.5	10.1
Coosa	4,988	4,952	5,060	4,950	4,960	5,030	5,010	4,960	4,890	4,850	4,940	4,970	4,960	5,050	5,080
	5.5	6.2	7.5	6.4	5.8	5.5	7.2	8.1	8.2	7.4	7.7	5.8	5.6	6.7	6.3
Covington	17,413	17,374	17,350	17,320	17,070	17,480	17,890	18,060	17,800	17,560	17,650	17,420	17,580	17,760	18,190
	7.5	7.8	7.8	7.7	7.3	9.4	9.1	9.4	9.5	8.4	7.9	6.5	5.9	7.0	8.0
Crenshaw	6,538	6,777	6,830	6,880	6,820	6,990	7,120	6,900	6,920	6,810	6,930	6,850	6,920	7,050	7,170
	9.2	7.0	7.0	6.6	6.4	5.8	7.0	7.4	9.1	7.0	6.5	6.1	5.9	7.3	7.2
Cullman	31,713	32,049	32,170	32,300	32,260	32,610	33,060	32,770	32,580	31,990	32,420	32,270	32,610	32,980	33,470
	7.7	7.3	6.7	7.5	6.7	6.8	7.3	7.7	8.7	7.6	7.1	5.9	5.5	6.1	6.4
Dale	17,831	17,971	18,130	17,940	17,920	18,230	18,290	18,420	18,130	18,010	18,310	18,180	18,500	18,610	18,620
	7.5	7.8	8.3	7.8	7.6	8.3	8.4	8.6	8.9	8.1	8.2	7.0	7.4	8.1	7.4
Dallas	21,371	20,411	20,810	20,630	20,270	20,480	20,470	20,350	20,140	19,970	20,090	19,900	20,030	20,470	21,060
	14.6	12.1	12.3	12.9	12.2	11.4	11.4	11.9	12.5	12.1	11.3	10.8	10.6	12.5	13.6
DeKalb	29,014	29,821	30,290	30,150	29,650	30,320	30,670	30,410	30,170	29,830	30,470	30,230	30,170	31,020	32,070
	7.8	7.3	7.9	7.4	6.8	6.7	7.3	7.8	9.1	8.4	8.4	7.0	6.0	6.8	7.1
Elmore	21,000	21,508	21,690	21,460	21,450	21,710	21,830	21,760	21,430	21,590	21,860	21,540	21,800	21,710	21,860
	5.9	5.8	5.6	5.7	5.7	5.5	6.1	5.9	6.1	6.3	5.9	5.3	5.6	6.3	6.0
Escambia	16,782	16,373	16,290	16,370	16,230	16,450	16,730	16,530	16,380	16,200	16,350	16,100	16,100	16,520	16,790
	10.4	9.7	9.5	9.9	8.8	8.6	10.2	11.0	11.8	10.4	9.6	9.5	8.8	9.9	9.2
Etowah	43,120	42,183	42,670	42,470	42,540	42,540	42,850	42,710	42,330	42,080	42,800	42,030	42,490	43,100	43,810
	9.2	8.4	8.0	7.9	8.4	8.1	9.8	10.2	11.4	10.1	10.2	7.9	7.8	9.5	9.5
Fayette	7,636	7,478	7,410	7,350	7,530	7,540	7,680	7,570	7,620	7,670	7,650	7,630	7,680	7,780	7,740
	10.6	8.1	7.7	7.1	7.3	7.0	7.8	8.0	10.2	10.2	7.9	8.1	7.5	8.1	12.4
Franklin	15,130	14,549	14,770	14,810	14,390	14,660	14,760	14,690	14,670	14,510	14,770	14,510	14,800	15,230	15,760
	10.1	10.8	10.1	10.5	8.8	14.2	13.5	11.8	13.2	12.3	11.4	10.6	9.4	10.3	12.7
Geneva	10,443	10,563	10,570	10,390	10,580	11,000	10,960	10,800	10,740	10,640	10,740	10,690	10,670	10,980	11,290
	6.2	5.5	5.9	5.2	5.5	5.8	5.5	5.9	6.3	5.6	5.3	5.0	4.1	5.3	6.3
Greene	3,743	3,646	3,690	3,660	3,590	3,630	3,780	3,650	3,750	3,650	3,660	3,610	3,590	3,830	3,890
	15.3	11.8	11.6	12.5	9.3	9.2	10.1	11.0	14.5	11.9	11.5	10.7	9.3	13.0	11.6
Hale	6,105	6,067	6,150	6,040	6,010	6,120	6,380	6,240	6,280	6,150	6,250	6,130	6,200	6,340	6,390
	8.2	7.8	8.0	7.9	7.0	6.5	7.7	8.4	10.8	8.3	8.0	7.0	7.1	8.7	8.3
Henry	6,766	6,960	6,900	6,950	7,000	7,110	7,370	7,120	7,070	6,890	6,890	6,720	6,690	6,740	6,890
	6.6	6.2	7.1	7.7	6.1	5.2	5.7	5.6	7.7	6.9	6.5	6.0	5.4	6.6	7.7
Houston	40,014	40,337	41,140	40,440	40,300	40,540	40,730	40,920	40,630	40,350	40,930	40,810	41,300	41,740	41,940
	5.8	5.5	7.0	5.9	5.5	5.1	5.3	5.3	6.5	5.6	5.5	4.7	4.5	5.7	5.4
Jackson	20,929	20,804	20,800	20,620	20,520	20,430	20,580	20,790	21,150	20,620	20,680	20,610	20,710	21,170	21,180
	9.4	12.0	13.8	13.8	12.7	12.8	13.3	14.7	17.2	15.0	13.5	12.4	10.2	12.1	11.5
Jefferson	338,868	331,653	333,350	336,810	333,320	335,940	333,140	335,760	330,350	330,160	334,580	332,120	336,640	339,940	341,690
	6.6	5.8	6.1	6.5	5.8	5.6	5.6	5.7	6.2	5.6	5.5	5.2	5.1	5.9	6.0
Lamar	8,675	8,518	8,590	8,350	8,510	8,540	8,810	8,590	8,540	8,460	8,690	8,600	8,590	8,720	8,940
	6.9	6.2	8.9	5.7	6.6	6.1	6.0	5.9	7.1	6.1	6.5	6.8	6.4	7.6	11.9
Lauderdale	36,490	36,645	36,970	37,000	36,540	36,830	36,820	37,330	36,530	36,630	36,980	36,610	37,090	37,310	37,650
	8.2	7.5	7.6	8.9	6.9	6.9	7.0	8.6	9.4	9.0	8.5	7.3	7.1	7.9	8.4
Lawrence	11,918	12,687	12,740	13,070	12,530	12,590	12,640	13,000	13,130	12,880	12,860	12,650	12,890	13,470	13,760
	12.7	10.5	10.1	13.3	9.2	9.1	9.3	12.2	14.1	12.9	12.4	9.8	9.6	13.7	13.9

General Business Indicators

Type of Activity	Annual		1988						1989						
	1987	1988	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July
LABOR FORCE AND EMPLOYMENT CONT.															
Lee	38,259 5.4	38,786 5.1	38,800 6.2	38,990 5.5	39,150 5.0	39,750 4.9	39,700 5.0	39,500 5.0	39,030 5.0	39,180 4.4	39,750 4.4	39,440 3.7	40,170 4.0	39,860 5.3	39,940 5.0
Limestone	30,096 6.5	30,997 6.1	31,610 6.4	30,560 7.6	31,510 5.0	32,040 5.1	32,210 6.0	31,450 6.5	31,100 7.8	30,750 6.9	30,590 6.4	30,420 5.5	30,670 5.0	30,630 7.1	30,150 8.7
Lowndes	4,688 19.3	5,347 14.3	5,730 13.8	5,780 14.3	5,790 11.7	5,860 11.1	6,050 11.2	5,960 11.7	5,960 13.7	6,230 12.6	6,390 11.7	6,450 10.7	6,530 10.4	6,770 13.6	7,050 14.5
Macon	10,563 6.7	10,389 7.6	10,530 8.3	10,430 8.3	10,320 7.2	10,380 7.2	10,400 7.6	10,280 7.8	10,270 9.4	10,180 8.1	10,190 7.0	10,010 6.3	10,130 6.4	9,980 7.6	10,340 7.6
Madison	130,399 5.2	132,750 5.1	134,170 5.6	134,090 5.5	134,170 5.0	135,130 4.7	134,880 5.1	136,170 5.3	133,930 5.7	133,930 5.3	135,050 5.0	134,840 4.5	137,550 4.2	139,230 5.4	139,440 5.4
Marengo	9,838 8.4	9,588 7.2	9,760 7.4	9,600 7.1	9,510 6.6	9,610 6.2	9,760 6.6	9,740 8.1	9,420 8.5	9,370 7.6	9,460 7.2	9,380 6.7	9,490 6.5	9,770 8.0	9,860 8.1
Marion	15,548 10.7	15,624 8.5	15,920 7.7	15,770 6.5	15,550 7.1	15,610 7.6	15,650 8.5	15,320 9.2	15,680 12.9	15,200 9.3	15,280 8.6	15,220 9.2	15,400 9.0	15,680 11.5	16,020 13.9
Marshall	37,288 7.9	38,209 7.8	38,530 6.8	38,400 7.0	38,220 6.1	38,500 6.4	39,540 10.0	38,930 8.4	38,890 9.4	38,600 8.4	38,620 8.0	38,430 6.4	39,130 5.8	39,600 7.2	40,330 7.8
Mobile	172,319 9.7	169,208 9.2	171,350 8.8	170,640 9.3	167,700 8.9	169,030 8.8	171,310 9.5	172,480 10.4	170,570 10.9	170,930 10.5	172,520 9.7	170,030 9.1	170,740 8.3	172,510 9.5	174,660 9.3
Monroe	9,708 11.7	9,641 9.8	9,760 10.3	9,680 9.3	9,510 7.8	9,810 9.6	9,950 10.4	9,790 10.6	9,840 12.1	9,780 12.0	9,970 12.2	9,730 10.8	9,810 9.9	9,850 10.7	10,010 10.3
Montgomery	100,183 6.5	99,398 6.3	100,940 6.7	99,670 6.7	98,910 6.0	100,060 5.7	100,460 6.2	100,250 6.2	99,320 6.9	99,120 6.2	100,700 6.1	99,410 5.8	100,580 6.0	100,560 7.0	102,020 7.4
Morgan	46,674 8.5	46,803 7.6	47,180 7.4	47,670 9.4	46,610 7.0	46,690 6.6	47,060 7.2	47,720 8.8	46,970 8.5	46,400 7.9	47,120 9.0	46,520 6.5	47,290 6.2	48,670 9.0	49,530 8.9
Perry	5,363 11.8	5,608 10.1	5,710 9.2	5,660 9.4	5,610 7.8	5,730 7.2	6,050 10.2	5,960 17.8	5,860 16.9	5,780 11.1	5,810 9.4	5,700 7.4	5,780 7.8	5,800 9.1	6,020 9.2
Pickens	7,268 11.2	7,168 10.2	7,240 11.3	7,110 10.1	7,140 8.3	7,250 8.2	7,360 8.0	7,330 9.6	7,330 11.9	7,190 10.8	7,270 10.0	7,150 10.0	7,210 8.9	7,320 11.7	7,380 10.2
Pike	12,545 7.0	12,639 6.2	12,350 6.9	12,210 7.3	12,880 6.7	13,080 5.6	13,160 5.7	12,580 7.0	12,990 6.8	12,900 5.9	13,140 6.1	12,970 5.3	13,170 5.3	12,980 6.6	13,060 6.5
Randolph	9,586 6.4	9,341 6.7	9,270 9.1	9,290 9.5	9,200 7.6	9,600 6.4	9,580 5.3	9,610 6.4	9,530 7.2	9,370 6.3	9,520 6.5	9,320 5.8	9,330 5.9	9,400 7.5	9,370 8.9
Russell	22,475 7.1	23,306 6.3	23,420 6.3	23,330 5.4	23,240 5.5	24,090 8.1	23,270 6.4	23,520 6.3	22,850 6.2	22,960 5.8	23,080 5.1	22,980 4.6	23,340 4.6	23,540 5.5	23,730 5.9
St. Clair	21,388 6.0	21,522 6.0	21,730 6.7	21,710 6.0	21,550 5.6	21,750 5.5	21,670 6.0	21,940 6.6	21,730 7.6	21,640 6.8	22,110 7.3	21,740 6.2	21,820 5.2	22,050 6.0	22,150 6.1
Shelby	40,103 5.0	40,287 4.6	40,690 5.3	40,710 4.7	40,410 4.3	40,690 4.0	40,640 4.8	40,970 4.9	40,530 5.9	40,330 4.9	40,840 4.6	40,390 4.1	40,960 3.9	41,490 5.0	41,830 5.5
Sumter	5,919 12.6	5,585 10.0	5,620 11.9	5,600 11.5	5,690 8.8	5,730 7.1	5,830 7.7	5,690 9.4	5,750 10.8	5,640 7.7	5,750 8.1	5,650 7.6	5,700 7.2	6,090 11.8	6,250 10.7
Talladega	32,228 9.6	31,840 10.0	32,310 11.4	32,260 10.9	31,980 9.6	32,140 9.6	32,110 10.3	32,500 10.6	31,920 12.3	31,810 11.3	32,090 10.5	31,880 9.7	32,020 9.1	32,290 11.1	33,420 13.2
Tallapoosa	18,992 6.5	18,483 6.3	18,720 6.9	18,590 6.5	18,340 5.6	18,700 6.1	18,670 6.0	18,570 5.8	18,440 7.2	18,290 5.7	18,520 5.7	18,510 5.8	18,720 5.0	18,940 6.4	19,130 6.7
Tuscaloosa	69,623 6.1	70,020 5.4	68,980 5.7	69,840 5.8	70,530 5.4	71,660 5.0	71,540 5.0	71,870 5.5	70,880 6.0	70,920 5.4	72,000 5.4	71,680 5.0	72,400 5.3	71,250 5.7	72,080 5.8
Walker	28,983 11.0	28,521 9.1	28,280 8.1	28,620 8.7	28,800 9.5	28,990 9.2	28,910 9.7	29,290 10.3	29,190 11.9	29,070 11.1	29,250 10.3	29,590 11.8	29,070 8.8	29,020 8.5	29,370 9.3
Washington	5,719 13.4	6,583 11.0	6,640 12.1	6,610 12.5	6,660 12.3	6,740 11.6	6,900 12.0	6,950 14.1	7,000 14.2	6,950 13.4	6,990 13.2	6,750 10.3	6,800 9.0	6,870 10.5	7,040 11.9
Wilcox	4,407 12.6	4,243 12.1	4,240 12.4	4,190 13.0	4,210 12.3	4,200 10.5	4,480 12.0	4,350 15.3	4,200 16.7	4,260 17.7	4,270 16.0	4,090 12.6	4,210 12.3	4,360 15.8	4,350 16.4
Winston	9,883 13.9	10,401 10.8	10,690 10.0	10,620 8.6	10,400 8.0	10,610 11.2	10,710 10.6	10,510 11.9	10,600 14.1	10,460 14.9	10,370 10.8	10,350 8.6	10,490 7.8	10,550 9.4	10,850 11.1
TRADE															
Foreign															
Shipments by water, Port of Mobile[5] *(1,000 tons)*	29,363	32,684	3,030	2,661	2,701	3,970	2,668	2,646	3,123	2,788	3,067	2,736	3,752	2,633	3,585
Domestic															
Electric energy consumption, non-industrial purposes *(1,000,000 kwh)*	28,038	28,507	3,047	3,123	2,582	1,966	1,820	2,263	2,338	2,120	2,193	1,938	2,128		
Gasoline sales[6] *(1,000 gallons)*	2,084,218	2,072,236	173,666	175,002	179,095	155,015	190,201	186,652	161,069	158,657	162,351	199,546	186,328	182,508	
New passenger car registrations[7] *(number)*	140,070	133,614	11,208	11,045	11,502	10,571	10,060	11,594	9,256	8,572	9,762	10,212	8,082	7,282	7,599
Taxable retail sales by kind of business, state totals[8] *($1,000,000)*															
Food	4,093	4,122	363	347	344	344	336	372	342	331	352	350	346	362	353
General merchandise	2,862	3,047	237	247	236	253	294	413	198	197	254	257	256	249	240
Apparel	853	933	67	81	75	79	90	141	53	53	88	69	69	71	66
Furniture, furnishings, etc.	977	1,029	84	85	87	81	91	127	75	70	81	79	82	84	80
Automotive	4,018	4,231	370	387	343	321	301	331	305	305	387	359	389	385	363
Gasoline service stations	286	295	26	27	24	24	23	26	25	22	26	25	26	27	26
Lumber and building materials	1,677	1,713	149	156	148	152	134	135	117	104	137	148	155	138	139
Hardware and farm implements	228	234	19	20	19	19	18	22	17	15	20	20	21	21	19
Eating places	1,791	1,913	170	168	159	163	156	174	150	146	172	169	172	177	171
Drug stores	391	418	32	33	33	32	32	48	39	34	35	36	33	31	29
All other retail	1,533	1,640	119	128	128	132	148	233	130	125	139	124	132	125	115
Total sales by retail concerns	18,709	19,576	1,637	1,678	1,598	1,602	1,626	2,022	1,450	1,402	1,691	1,637	1,681	1,671	1,600
Nonretail & unclassified concerns	3,160	3,414	280	312	308	288	281	306	279	275	297	283	308	304	286
Total all sales at retail	21,868	22,990	1,918	1,990	1,905	1,890	1,907	2,328	1,730	1,678	1,988	1,920	1,989	1,975	1,886

GENERAL BUSINESS INDICATORS

Type of Activity	Annual		1988						1989						
	1987	1988	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July
TRADE CONTINUED															
Taxable retail sales, Metropolitan Statistical Areas and counties[6] ($1,000)															
MSAs															
Anniston	602,268	625,346	52,346	55,310	53,145	51,188	52,088	60,771	45,249	43,194	52,306	49,843	52,190	51,980	52,686
Birmingham	5,797,096	5,899,767	493,471	512,934	496,255	475,274	455,549	567,636	453,338	433,942	500,167	482,544	496,200	494,822	464,371
Decatur	649,766	685,654	57,702	60,496	56,213	57,896	56,794	68,577	50,116	46,029	56,554	56,209	58,372	56,926	55,290
Dothan	696,013	710,085	62,350	60,850	57,920	57,303	58,846	70,378	59,223	59,045	70,848	66,052	67,948	69,955	64,765
Florence	718,517	766,166	62,499	67,313	62,740	64,097	65,309	82,599	62,269	58,377	74,093	71,181	74,971	72,874	70,863
Gadsden	524,919	557,113	47,003	48,916	44,571	43,817	44,746	57,467	39,180	37,181	47,829	45,339	47,616	46,554	38,107
Huntsville	1,302,226	1,350,818	112,833	115,396	108,742	108,512	110,032	131,495	117,158	110,244	133,484	126,348	132,188	131,047	128,392
Mobile	2,312,321	2,354,959	204,634	204,058	191,361	190,952	183,058	227,144	201,430	189,915	222,000	216,362	220,010	222,106	223,263
Montgomery	1,719,824	1,778,359	146,828	154,686	148,208	140,609	144,487	180,688	153,461	143,505	175,461	164,657	169,872	167,933	162,439
Tuscaloosa	739,660	766,898	62,421	67,891	64,040	62,316	63,326	76,573	60,892	59,713	63,271	62,948	66,935	68,623	63,246
Counties															
Autauga	122,285	128,892	11,675	12,021	10,681	10,532	9,853	11,714	13,180	12,250	14,093	14,613	14,711	15,052	14,395
Baldwin	374,180	389,866	40,063	36,794	31,206	30,932	27,608	32,982	35,350	33,963	43,441	43,612	44,667	47,322	49,369
Barbour	84,828	85,954	7,830	7,242	7,152	7,029	6,843	8,442	6,729	6,555	7,788	7,880	7,639	7,714	7,367
Bibb	51,658	51,762	4,448	4,638	4,367	4,361	4,647	4,431	3,436	3,306	3,719	3,863	3,806	3,955	3,633
Blount	110,515	114,936	9,785	10,029	9,633	9,663	10,085	10,506	8,460	8,258	10,051	9,812	10,394	9,878	9,503
Bullock	25,271	23,569	1,853	1,703	1,829	1,855	1,939	2,502	1,783	1,682	2,085	1,795	1,759	1,772	1,695
Butler	62,697	61,508	5,052	5,337	5,088	4,940	4,667	5,722	4,748	4,319	5,149	5,031	5,074	4,772	4,618
Calhoun	602,268	625,346	52,346	55,310	53,145	51,188	52,088	60,771	45,249	43,194	52,306	49,843	52,190	51,980	52,686
Chambers	125,636	124,754	10,323	11,064	10,029	10,104	10,164	10,431	9,831	9,881	11,460	11,293	11,395	11,748	11,053
Cherokee	51,230	54,698	4,320	4,773	4,356	4,400	4,552	4,641	4,965	4,897	5,933	6,005	5,942	6,037	5,513
Chilton	122,615	133,409	11,371	11,887	10,263	10,743	11,112	11,897	8,977	8,842	10,744	11,033	11,228	10,463	10,685
Choctaw	38,404	36,958	3,241	2,934	2,971	2,973	3,034	3,580	2,741	2,771	3,196	3,028	3,061	3,146	2,806
Clarke	104,604	105,709	9,526	9,279	8,952	8,513	8,297	9,759	7,979	7,581	8,695	8,924	8,978	9,077	8,450
Clay	31,968	32,920	2,939	3,061	2,596	2,835	2,603	3,032	2,834	2,769	2,921	2,708	3,001	2,995	2,772
Cleburne	26,929	28,828	2,452	2,850	2,523	2,439	2,302	2,639	2,620	2,202	2,716	2,364	3,026	2,384	2,713
Coffee	211,223	206,937	17,118	17,951	17,874	16,651	17,344	18,070	14,145	15,796	17,178	15,871	18,750	17,579	15,942
Colbert	293,782	315,529	25,638	29,082	26,075	27,647	26,715	30,599	27,596	25,916	31,022	30,367	31,801	30,796	29,588
Conecuh	32,476	29,407	2,752	2,438	2,480	2,199	2,533	2,694	3,095	2,499	3,012	2,815	2,855	2,595	2,822
Coosa	12,707	13,545	1,121	1,275	1,095	1,049	1,488	1,167	990	1,051	1,316	1,297	1,223	1,126	1,147
Covington	142,938	142,049	12,234	12,516	11,863	11,316	11,468	12,715	12,498	12,669	14,585	14,832	15,447	14,644	14,196
Crenshaw	40,376	40,859	3,495	3,608	3,602	3,461	3,358	3,781	3,502	3,553	4,048	3,413	3,684	3,338	3,586
Cullman	269,229	280,421	24,531	24,835	23,820	23,349	21,720	26,065	22,818	21,578	26,408	26,977	28,687	26,952	25,142
Dale	121,169	127,603	11,203	11,162	10,980	11,040	10,129	11,740	11,264	10,648	12,746	11,795	12,780	13,231	12,740
Dallas	219,565	218,345	19,341	19,243	17,411	17,683	18,142	19,965	15,233	14,779	17,773	17,467	18,688	16,838	16,033
DeKalb	212,053	227,282	19,046	19,883	19,277	19,195	18,391	20,799	15,049	14,937	18,301	18,296	18,471	18,813	17,908
Elmore	111,814	116,892	10,003	9,773	9,802	9,118	8,770	10,391	11,444	11,100	13,448	13,286	13,394	13,083	13,136
Escambia	136,495	137,983	11,615	12,719	11,442	10,843	10,578	13,144	9,315	9,258	10,817	11,496	11,198	11,001	10,021
Etowah	524,919	557,113	47,003	48,916	44,571	43,817	44,746	57,467	39,180	37,181	47,829	45,339	47,616	46,554	38,107
Fayette	66,589	65,808	5,399	5,545	5,357	5,284	5,191	6,907	4,450	4,430	5,443	4,744	5,272	5,108	5,041
Franklin	108,599	114,120	9,205	9,988	9,587	9,515	9,461	10,962	7,874	7,328	9,326	9,328	9,035	9,158	8,588
Geneva	131,414	119,883	9,555	10,029	9,858	9,801	11,414	10,713	4,640	4,461	5,199	5,027	5,073	4,959	4,474
Greene	18,730	19,657	1,695	1,842	1,672	1,532	1,642	1,582	1,804	1,725	2,007	2,073	2,027	1,862	2,088
Hale	30,315	29,334	2,754	2,576	2,510	2,502	2,415	2,573	2,565	2,427	2,781	2,871	3,184	2,769	2,954
Henry	41,338	43,731	3,904	3,722	3,843	3,956	3,958	4,308	3,290	3,557	3,730	3,602	3,522	3,870	3,074
Houston	574,844	582,482	51,147	49,688	46,940	46,263	48,717	58,638	47,959	48,397	58,102	54,257	55,168	56,724	52,025
Jackson	166,029	175,783	14,310	15,092	15,257	15,969	14,546	16,264	12,922	12,455	16,101	15,854	18,521	16,531	16,088
Jefferson	4,822,225	4,872,047	405,132	422,787	411,556	391,152	373,124	476,157	373,287	353,756	405,382	386,811	401,599	396,947	373,685
Lamar	37,102	34,236	2,697	2,963	2,831	2,746	2,847	3,454	2,887	2,783	3,517	3,316	3,394	3,149	2,916
Lauderdale	424,735	450,637	36,861	38,231	36,665	36,450	38,594	52,000	34,673	32,461	43,071	40,814	43,170	42,078	41,275
Lawrence	65,221	68,295	5,924	5,957	5,408	5,777	5,718	6,937	5,270	4,970	6,153	6,083	6,408	5,932	5,550
Lee	403,068	422,058	32,796	34,437	35,458	35,292	38,827	41,821	33,237	30,861	37,400	37,609	35,675	36,488	35,083
Limestone	195,876	203,248	17,196	17,798	16,253	17,330	15,721	19,465	15,893	14,881	18,500	18,304	19,737	18,802	17,450
Lowndes	21,658	22,210	1,975	1,767	2,023	1,597	1,845	2,448	1,649	1,776	2,151	1,913	2,050	2,201	1,851
Macon	53,662	50,031	4,240	4,466	4,179	3,541	3,490	3,920	4,853	4,834	5,645	5,309	5,444	5,516	5,359
Madison	1,302,226	1,350,818	112,833	115,396	108,742	108,512	110,032	131,495	117,158	110,244	133,484	126,348	132,188	131,047	128,392
Marengo	81,060	82,613	6,717	7,280	7,178	7,185	7,203	7,685	6,829	6,929	8,154	7,883	8,014	7,793	7,678
Marion	110,875	115,332	9,545	9,837	9,637	9,471	9,812	10,994	9,107	8,174	10,387	10,495	10,452	10,646	9,790
Marshall	427,632	447,076	38,899	39,374	36,605	36,062	37,232	42,208	32,262	31,383	40,011	39,545	41,557	39,696	38,062
Mobile	1,938,141	1,965,093	164,571	167,264	160,155	160,020	155,450	194,162	166,080	155,952	178,559	172,750	175,343	174,784	173,894
Monroe	73,217	78,057	6,530	6,706	6,453	6,267	6,805	7,603	7,439	7,296	9,298	8,322	8,873	8,375	8,931
Montgomery	1,485,725	1,532,575	125,150	132,892	127,725	120,959	125,864	158,583	128,837	120,155	147,920	136,758	141,767	139,798	134,908
Morgan	584,545	617,359	51,778	54,539	50,805	52,119	51,076	61,640	44,846	41,059	50,401	50,126	51,964	50,994	49,740
Perry	23,734	22,630	1,953	1,873	2,102	1,676	1,738	2,173	1,977	1,945	2,544	2,073	2,107	2,038	2,052
Pickens	42,458	41,967	3,860	3,672	3,164	3,340	3,453	3,925	3,771	3,692	4,460	4,511	4,628	4,509	4,026
Pike	115,053	117,718	10,075	9,979	10,273	9,646	9,346	10,804	11,380	10,413	12,418	11,627	11,501	12,021	10,843
Randolph	59,796	61,298	4,713	4,875	5,172	5,158	4,673	6,585	5,554	5,212	6,503	6,223	6,463	6,326	5,761
Russell	131,628	131,576	10,722	11,545	10,373	10,453	10,544	12,683	11,212	11,379	13,576	13,930	14,585	13,442	12,422
St. Clair	151,136	151,401	13,200	13,025	12,577	11,919	11,647	13,950	10,816	11,448	13,517	13,716	13,426	14,043	12,275
Shelby	349,404	372,773	32,085	32,538	30,549	31,071	29,489	31,315	32,747	32,837	39,111	39,329	38,479	39,554	37,628
Sumter	32,578	33,466	2,611	2,795	2,621	2,988	2,991	3,093	2,937	2,764	3,427	3,087	3,188	3,218	2,878
Talladega	299,552	322,891	28,979	27,250	26,637	25,697	24,757	30,181	26,540	26,369	32,810	29,285	34,769	31,070	32,449
Tallapoosa	152,999	156,650	13,747	13,179	12,597	12,389	12,758	13,812	9,891	9,399	11,678	11,616	12,419	12,340	11,941
Tuscaloosa	739,660	766,898	62,421	67,891	64,040	62,316	63,326	76,573	60,892	59,713	63,271	62,948	66,935	68,623	63,246
Walker	363,816	388,610	33,269	34,555	31,940	31,469	31,204	35,708	28,028	27,643	32,106	32,876	32,302	34,400	31,280
Washington	22,573	22,106	2,123	1,657	1,679	1,791	1,648	1,834	1,902	1,854	2,119	2,439	2,138	2,086	1,745
Wilcox	23,251	20,471	1,665	1,692	1,593	1,699	1,714	2,124	2,146	1,986	2,378	2,170	2,125	2,080	2,005
Winston	92,401	97,344	8,513	8,842	7,842	8,268	7,858	8,956	6,736	6,121	6,945	7,781	8,388	8,059	8,030
Statewide[6]	1,839,693	2,406,769	184,567	201,655	200,403	221,361	253,948	330,038	98,157	119,241	135,680	131,203	134,543	141,355	130,799

NOTE: Throughout this table, details do not necessarily add to totals due to rounding.

[1]Estimated total for calendar month based on adjustment of weekly data.

[2]Individual months may not add to annual totals due to late revisions in annual data.

[3]These data may not be reused in any manner without the express permission of Dodge\DRI Construction and Real Estate Information Service.

[4]Civilian labor force, unemployment, and total employment are adjusted by place of residence, and total nonagricultural employment and its components are by place of work. All monthly data are adjusted to a March benchmark of the previous year.

[5]Includes both inbound and outbound shipments by water moving through private facilities as well as through the Alabama State Docks; excludes tonnage for military installations.

[6]Gross gallons of gasoline as reported by wholesale distributors.

[7]These data may not be reused in any manner without the express permission of R.L. Polk and Company.

[8]Retail sales data represent sales at retail which are subject to sales tax as reported to the Alabama Department of Revenue under the definition of the Alabama Sales Tax Law. Total sales figures include taxable sales at retail by wholesalers and other nonretail firms as well as retail concerns. Sales at retail thus defined should not be confused with all sales (including nonretail sales) by retail concerns as reported in the Census of Retail Trade. Monthly sales figures are preliminary and subject to revision on a continuing basis. ***Sales figures for the two latest months are normally low because they do not yet include data from late reporters.*** Retail sales historical data prior to 1984 are not available for the new series. The "Statewide" category in the "County" section provides sales figures which are not attributable to individual counties; it does not represent a state total. MSA and county level sales are estimated for multi-county firms using the 1985 disaggregation survey conducted by the Alabama Department of Revenue. Data estimates, thus, may not reflect current disaggregations for these firms.

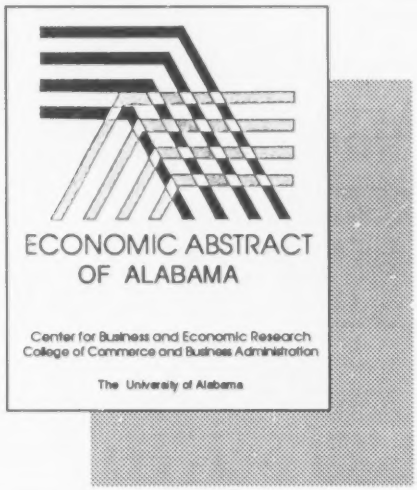
Alabama by the Numbers...

The ***Economic Abstract of Alabama***, 1989 edition, is the most comprehensive source of demographic and economic information available about Alabama and its counties. Business, government, the news media - those who need to know about the state and its people - have come to rely on ***The Economic Abstract of Alabama*** to fulfill their needs for quantitative information.

The 1989 edition is presented in a 6"x9" perfect bound format, and the book is fully indexed.

The ***Economic Abstract of Alabama*** is the only availabe from the Center for Business and Economic Research, the University of Alabama. (ISBN 0-943394-03-1)

Spanning almost 600 pages of tabular material, the 1989 edition has been updated and expanded to include the latest information. Many of the data items are presented at national, state, and county levels and cover several years to facilitate comparisons and trend analysis. The ***Abstract*** contails data series ranging from the early 1900s to the present, as well as forecasts of the state's economy and population projections.


ECONOMIC ABSTRACT
OF ALABAMA
Center for Business and Economic Research
College of Commerce and Business Administration
The University of Alabama

ECONOMIC ABSTRACT
OF ALABAMA

Make check or money order payable to:
The University of Alabama

Mail order to:

Center for Business & Economic Research
The University of Alabama
P.O.Box 870221
Tuscaloosa, Alabama 35487-0221

Please send_____copies of the ***Economic Abstract of Alabama*** at $25.00 per copy. I am enclosing $_____.

Name_____

Business_____

Street/Box_____

City_____

State_____ Zip_____

Center for Business and Economic Research
The University of Alabama
Box 870221
Tuscaloosa, AL 35487-0221

Non-Profit Organization
U.S. POSTAGE PAID
Permit NO. 16
Tuscaloosa, AL 35487

ADDRESS CORRECTION REQUESTED

CONGRESSIONAL INFO SERVICE
SRI ACQUISITIONS
4520 EAST-WEST HWY, SUITE 800
BETHESDA, MD 20814

An equal employment / equal educational opportunity institution.